

# SHORELINE SURVEYS LTD

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**TITLE:** Multibeam Bathymetric and Side Scan Sonar Survey of Weymouth Harbour — Harbour Gut Area

**CLIENT:** Weymouth Harbour Authority

**PROJECT:** 2024 Annual Harbour Survey

**Project No:** 24261  
**Scale:** 1:500  
**Date:** 29/10/24  
**Drawn by:** SHB  
**Checked by:** TO  
**Surveyed by:** SHB  
**DO NOT SCALE**  
Weymouth Harbour

**NOTES/REVISIONS:**  
Contours are only indicated at bed topography  
Point cloud data is available on request  
Side scan sonar data is available on request  
Shore data is client supplied

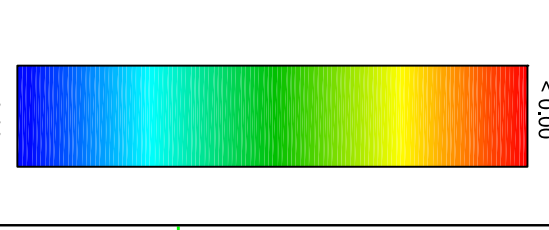
## MULTIBEAM SURVEY

Conducted in 0630h using CHIRP15.  
0.5m beam on 0.5m swath below transducer (20m depth, 0.2m) beam width.  
Soundings stored at 2 metre intervals using 300 sounding rates.  
Survey coverage is 100%.

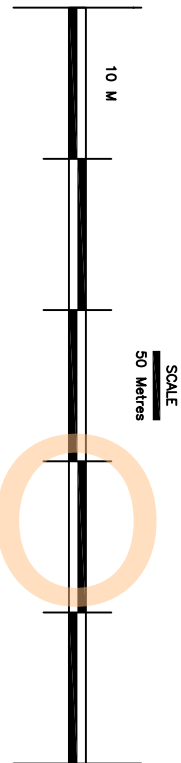
## SIDE SCAN SONAR SURVEY

Side scan sonar: CHIRP C102  
Operational frequency: 225 MHz | Range: 30-75 metres  
Positioning: Real-time RTK  
Swath width: 100 metres  
Swath coverage: 100%  
Swath resolution: 0.5 metres  
Swath coverage is 100%  
Swath coverage is 100%  
Swath coverage is 100%

## Depth colour key:

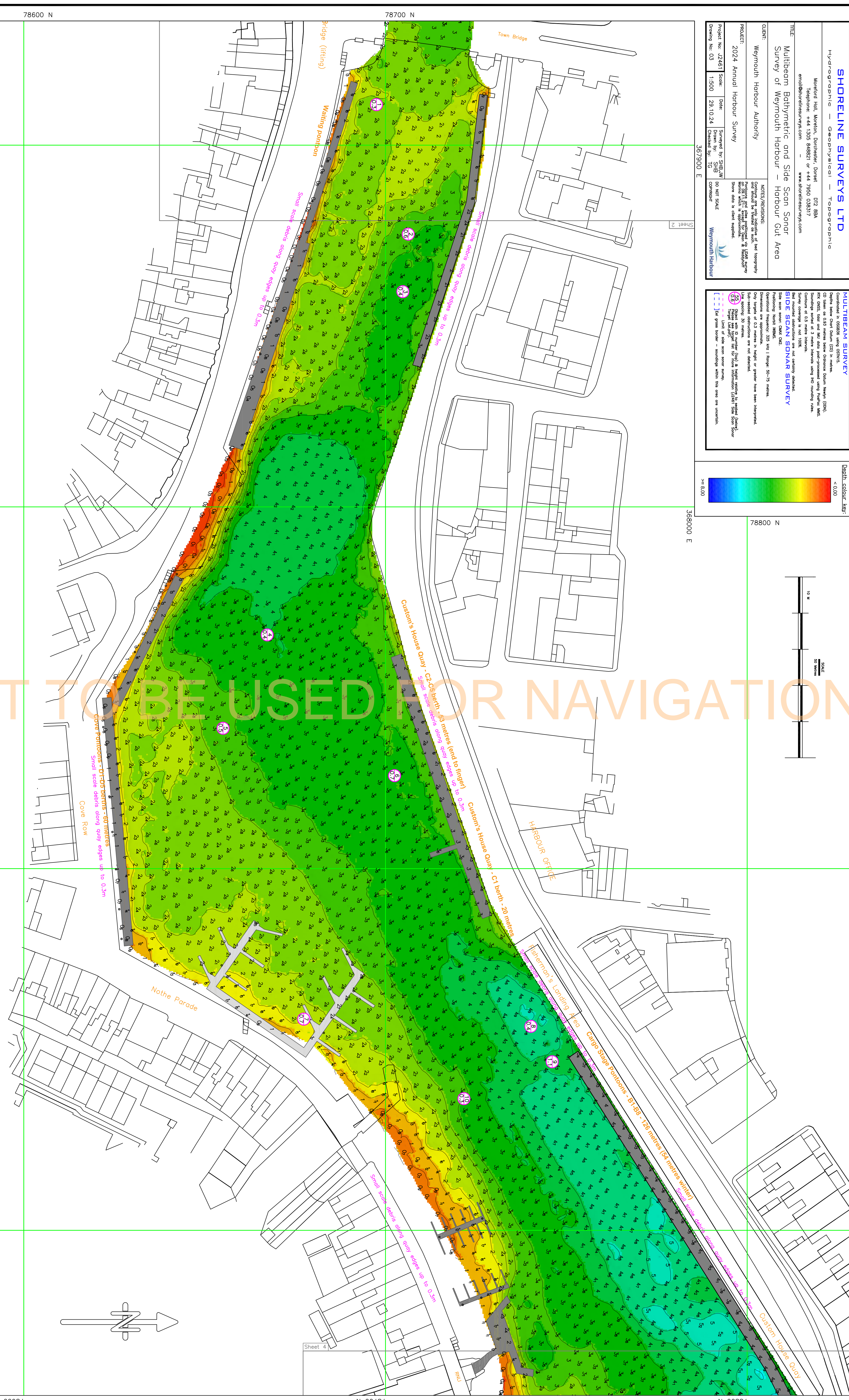


78800 N  
367900 E

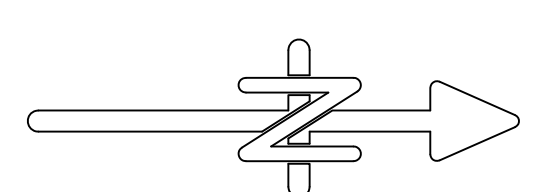


368100 E

368200 E



NOT TO BE USED FOR NAVIGATION



78600 N  
367900 E  
368000 E  
368100 E  
368200 E  
78700 N  
78800 N